Public Sector Undertakings manufacturing paper

4717. MISS SAROJ KHAPARDE: Will the PRIME MINISTER be pleased to state:

(a) the names of the Public Sector Undertakings, under the Department of Heavy Industry, which are manufacturing paper, paper boards, craft paper and newsprint;

(b) the quantity of paper, paper boards, craft paper and newsprint manufactured during the last three years, with undertaking-wise details; and

(c) the details of steps taken for technology upgradation in paper and newsprint-making process by each of those Public Sector Undertakings during the above period?

THE MINISTER OF STATE IN THE MINISTRY OF INDUSTRY (DEPARTMENT OF HEAVY INDUSTRY AND DEPARTMENT OF PUBLIC ENTERPRISES (SHRI P. K. THUNGON): (a) to (c) There are two Public Sector Undertakings in the Paper Industry, under the Department of Heavy Industry:

(i) Hindustan Paper Corporation Limited —manufacturing Paper & Newsprint.

(ii) Nepa Limited—manufacturing Newsprint

The production performance of these two undertakings in the last three years is given hereunder:—

	1989-90	1990-91	1991-92
	(.....in.....Metric Tonnes)		
I. *Hindustan paper Corporation Limited* :—			
(i) Paper	132824	139851	126135
(ii) Newsprint	86844	90388	90181
II. *Nepa Limited* : Newsprint	51575	75512	75040

The important steps taken for technology upgradation in paper and newsprint making process by these two undertakings are:

I. Hindustan Paper Corporation Limited:

(i) Bleaching of pulp by hydrozen peroxide instead of the conventional bleaching section to improve the brightness and strength of the paper in Nagaon and Cachar Paper Mills.

(ii) Modification of paper machines to manufacture newsprint in Nagaon and Cachar Paper Mills.

(iii) Installation of recovery bioler to burn black liquor at Mandya National Paper Mills Limited.

(iv) Bleaching of chemi-mechanical pulp by hydrogen peroxide instead of the conventional calcium hypochlorite at Hindustan Newsprint Limited.

(v) Installation of BM gauge in paper machine to control the basis weight, moisture and caliper in the newsprint at Hindustan Newsprint Limited.

II. Nepa Limited:

(i) Implementation of renovation, modernisation and expansion scheme.

(ii) Using euclyptus wood in the Cold Soda process.

(iii) The Bleaching Process has been modified and changed like Oxygen Bleaching.

कागज का उत्पादन

4718. **श्री ईश दत्त यादव :** क्या **प्रधान मंत्री** यह बताने की कृपा करेंगे कि :

(क) क्या यह सच है कि देश में कागज का उत्पादन मांग के अनुरूप नहीं हो रहा है ;